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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/647,586	08/25/2003	Michael Seltzer	M61.12-0550	2416
27366 7590 10/30/2007 WESTMAN CHAMPLIN (MICROSOFT CORPORATION) SUITE 1400 900 SECOND AVENUE SOUTH MINNEAPOLIS, MN 55402-3319			EXAMINER SHAH, PARAS D	
			ART UNIT	PAPER NUMBER
			2626	
			MAIL DATE	DELIVERY MODE
			10/30/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Interview Summary

Application No.

10/647,586

Applicant(s)

SELTZER ET AL.

Examiner

Paras Shah

Art Unit

2626

All participants (applicant, applicant's representative, PTO personnel):

(1) Paras Shah.

(3) Ted Magee.

(2) Patrick Edouard.

(4) \_\_\_\_.

Date of Interview: \_\_\_\_.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.  
If Yes, brief description: \_\_\_\_.

Claim(s) discussed: 1 and 13.

Identification of prior art discussed: Gao (US 2002/0035470).

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.


(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

\_\_\_\_\_  
Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Claim 1 was discussed regarding the broadness of the claim. One issue regarding claim 1 that was discussed was the harmonic component in claim 1 not containing random components of the speech signal. Claim 13 was also discussed regarding the scaling parameters. The scaling parameters for the noise and harmonic components are different. the attorney had argued that the Gao reference does not apply two different gains on the signal but rather 1 depending on noise or speech present. Based on these findings, an additional search would be needed based on advancement of the application since an Advisory Action was mailed out..



PATRICK N. EDOUARD  
SUPERVISORY PATENT EXAMINER